

Southeast Fisheries Science Center
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January 25, 2008

TO: Sheryan Epperly,
Protected Resources Branch

FROM: Larry Beerkircher,
POP Observer Coordinator

SUBJECT: Longline gear Incidental Take summary for quarter 4, 2007.

The Miami Laboratory Pelagic Observer Program (POP) is providing you with a summary report of the incidental take of marine mammals, turtles, and birds that have been recorded by observers aboard longline vessels for October 1 to December 30, 2007. The POP completed an overall coverage rate of 8.6 % of the selected pelagic longline fleet for this quarter (Table 1). During the quarter, observers recorded 30 sea turtles (24-leatherback-alive; 6-loggerheads-alive), in addition to 5 marine mammals (3-pilot whales-alive; 1-Risso's dolphin-alive; 1-Bottlenose dolphin-alive). No seabirds were observed captured this quarter.

Attached for you are the original Sea Turtle Life History (STLH) forms submitted by observers during Quarter 4, along with copies of the associated haul logs. The photographs of the sea turtles, and any associated biopsy samples, will be provided with this document. The POP will maintain copies of the STLH forms in our files until you or Lesley Stokes have completed your data review or entry. I recommend that the original STLH forms be returned to the POP staff or the file cabinets in Rm 324 when the reviews have been completed.

In closing, in addition to the POP reporting of Protected Resource (PR) species recorded during observed longline fishing, observers have been requested to inspect the turtle handling and dehooking gear available aboard the vessels as a requirement of the 2004 Biological Opinion (BO). As a requirement of the BO tasking for the Miami Laboratory, I am providing you, as well as Lance Garrison, with copies of the Miami PR Turtle Gear check list form filled out by the observer from Quarter 4. A PDF file will be created and will be posted on the SEFSC-POP secured website. The originals will remain on file in the observer office, room 314. Analyses associated with Turtle Take Estimates (TTE) nor the Net Mortality Ratio (NMR) mentioned in the 2004 BO are not provided, as the POP staffing does not have the expertise to provide these results.

Attachments

Table of the Incidental Take summary for Fourth quarter of 2007 by geographical area and effort (hauls and hook count) observed; Original STLH forms and associated turtle photographs and biopsy samples for regular longline coverage; and photocopies of the Turtle Gear check list forms.

cc: POP office files; Guy Davenport, Jim Bohnsack (cover letters only).

Table 1: Percent coverage (by hauls), the incidental take of Protected Resource species (turtles, mammals, seabirds), and hook effort summarized by geographical area for October 1 to December 31, 2007 (A=Alive, D=Dead, U=Unknown. LB=Leatherback, LH=Loggerhead, O=other)

AREA	TOTAL HAULS OBSERVED	REQUIRED 8% COVERAGE	TURTLES			MAMMALS		BIRDS	
			A	D	U	A	D	A	D
			LB/LH/O						
GOM-2	73 (8.7%)	67	11/0/0	0	0	0	0	0	0
FEC-3	7 (9.3%)	6	0/ 2/0	0	0	0	0	0	0
SAB-4	7 (6.2%)	9	0/ 0/0	0	0	0	0	0	0
MAB-5	52 (9.7%)	43	8/ 4/0	0	0	5	0	0	0
NEC-6	0 (0.0%)	5	0/ 0/0	0	0	0	0	0	0
NED-7	14 (16.0%)	7	5/ 0/0	0	0	0	0	0	0
OFFSHORE	0 (0.0%)	0	0/ 0/0	0	0	0	0	0	0
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TOTAL	153 (8.6%)	143	24/6/0	0	0	5	0	0	0

Hook effort Summary:

<u>Area</u>	<u>Hook effort</u>
GOM	62,770
FEC	3,564
SAB	4,240
MAB	52,382
NED	11,080
TOTAL	134,036